



Contribution ID: **16**

Type: **oral**

## **Studies of exclusive semileptonic B decays and extraction of $|V_{ub}|$ at BaBar**

*Tuesday, 12 October 2010 10:45 (20 minutes)*

We report on recent exclusive semileptonic B decay results from BaBar.

We get the total branching fractions for the decay channels :

$B \rightarrow \pi \ell \nu$ ,  $B \rightarrow \rho \ell \nu$ ,  $B \rightarrow \eta(\prime) \ell \nu$  and

$B \rightarrow D_s K \ell \nu$ . From the partial branching fractions measured in the  $B \rightarrow \pi \ell \nu$  channel, we obtain values of the CKM matrix element  $|V_{ub}|$  using three different QCD calculations.

**Primary authors:** Prof. RONEY, Michael (University of Victoria); TARAS, Paul (Universite de Montreal)

**Presenter:** TARAS, Paul (Universite de Montreal)

**Session Classification:** Semileptonic Physics

**Track Classification:** Semileptonics